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M/EB 517/64
5 November 1964
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MEMORANDUM FOR: Chief, Programs Division, ORR

ATTENTION: [] Strategy and Trends Branch

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THROUGH: Chief, Requirements Branch, Reconnaissance Group, CGS

FROM: Chief, CIA/PID (NPIC)

SUBJECT: Simferopol Probable Satellite Telemetry Collection Site

REFERENCES: (a) Requirement C-RR-4-81,685
(b) CIA/PID Project C 1305-64
(c) References NPIC/R-69/64 and NPIC/R-293/64

1. This memorandum is in response to your requirement dated 10 August 1964 which requests mensuration data and photographic analysis updating of the probable satellite telemetry collection site located at 45-03-00N 33-53-30E approximately one nautical mile east of the center of the Simferopol Earth satellite tracking and communication center. The last analysis on this site was accomplished from March 1964 photography at which time complete ephemeral data was not available to accomplish mensuration.

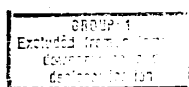
2. KEYHOLE Missions [] provide the best photographic coverage of this site.

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The enclosed line drawing is a composite of these two missions noting mensuration data and significant changes which have occurred in the period March-July 1964. Mensural data was accomplished by TID (NPIC) with a confidence factor of plus or minus six percent or plus or minus five feet, whichever is greater.

The probable satellite telemetry collection site is directly connected to the main portion of the Simferopol earth satellite tracking and communication center by an all weather concrete road and a buried cable line. This probable satellite telemetry collection site is secured by an [] wall, along all of the northern side and approximately 360 feet of the eastern side. The same wall possibly extends about 360 feet on the western edge, however, the exact length cannot be determined due to extensive construction scarring. Ground photography reveals the remaining perimeter is possibly double fenced and within the entire site are numerous guard towers and night lighting poles.

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SUBJECT: Simferopol Probable Satellite Telemetry
Collection Site

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The probable satellite telemetry collection site encompasses an area approximately 550 by 400 feet, excluding an unidentified area 660 by 120 feet, which is located immediately east of the site.

Located within the site are two 14 Helix antennas, mounted on what appears to be two 15-foot high H-shaped structures, approximately 45 by 30 feet each. Directly behind these H-shaped structures are two eight Helix antennas possibly mounted on some type of pedestal with a base area of 20 by 15 feet. A concrete road network with large rectangular aprons interconnects these Helix antennas. In addition, the road network abuts seven permanent type buildings, ranging in size from 25 by 30 feet to 100 by 45 feet.

A large new construction scar 480 by 390 feet connects the northeast edge of the site to the unidentified area. A total of four new structures are evident in this construction area. Comprising the unidentified area are seventeen excavations arranged in pairs in a rectangular pattern. Fourteen of these excavations appear to have possible footings or support bases. Immediately west of the probable satellite telemetry collection site is another new construction scar approximately 250 by 110 feet. Located within this construction scar are two new structures (possibly construction sheds).

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4. This project is considered to be complete.

Enclosures:

One (1) annotated line
drawing (2 cys)
(CIA/PID/MEB-P-981/64)

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